

TABLE R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

	GROUND SNOW LOAD	WIND SPEED ^a (mph)	SEISMIC DESIGN CATEGORY ^g	SUBJECT TO DAMAGE FROM				WINTER DESIGN TEMP ^f	ICE SHIELD UNDER-LAYMENT REQUIRED ⁱ	FLOOD HAZARDS ^h	AIR FREEZING INDEX ^j	MEAN ANNUAL TEMP ^k
				Weathering ^a	Frost line depth ^b	Termite ^c	Decay ^d					
	25	90	C 33-50	MODERATE	24	MODERATE TO HEAVY	NONE TO SLIGHT	9	NO	ORDINANCE 2002-1	391	51
See Notes:	1	2	3	4	5	6	7	8	9	10	11	12
	For SI: 1 pound per square foot= 0.0479kN/m ² , 1 mile per hour = 1,609 km/h.											
	NOTES: References utilized for the preparation of Table R301.2(1)											
	1	NOAA Annual Mean Total Snowfall of 30.3" and Snowfall Density of 0.13.										
	2	International Residential Code page 29, and NOAA Climatic Wind Data for the United States (New Mexico.)										
	3	International Residential Code page 26.										
	4	International Residential Code page 28.										
	5	NRCC Institute for Research & Construction.										
	6	International Residential Code page 36.										
	7	International Residential Code page 37.										
	8	International Plumbing Code page 107, Appendix D (Average of Raton, NM & Albuquerque, NM).										
	9	Historical weather data for Edgewood (Average January Temp. = 30.8°F) (http://www.City-data.com/city/edgewood.new.mexico.html)										
	10	Town of Edgewood Grading and Drainage Ordinance 2002-1, Passed August 7, 2002.										
	11	NOAA Air Freezing Index-USA Method (Base 32° Fahrenheit) average for Estancia and Mountainair (100 Year, 99%).										
	12	NOAA Air Freezing Index-USA Method (Base 32° Fahrenheit) average for Estancia and Mountainair (Mean Annual Temp. of).										